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Diversity of the Lepidoptera in the World (DLW)1

A project supported by the CESA©

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DLW is an independent project supported by the Cesa³ from the year of 1998 on. The aim of this long termed project is to prepare a comprehensive database program on especially Old World Lepidoptera taxa for the scientific surveys of the Cesa researchers. It comprises, at present, 60875 valid species, as well as 22417 subspecies in 8403 valid genera, subgenera or sections, 934 family group names among the 92630 revised taxa. Original references, synonyms, vernacular names, distributional information of 5712 localities, provinces or states in the world; important ecological information (food-plants, habitats, phenology, generations, etc), bibliography, etc. are also included. All the states, regions, provinces, and collecting locatities were given as codes for the researches carried out by the Cesa. Taxonomical evaluations of the authors are also made in the Cesa's program for the first the in the world, using the DLW program.⁴ Complementarily, thousands original digital images taken in nature, original distributional maps of the taxa are also available in the Cesa archives.

¹ Tip for reading this issue: If you have Acrobat Reader 8.0 or higher Version, click on the internet address used in this paper in order to reach it directly.

Ahmet Ömer Koçak http://www.cesa-tr.org/Kocak.htm Muhabbet Kemal Koçak http://www.cesa-tr.org/Kemal.htm

³ Cesa Home Page http://www.cesa-tr.org/ Cesa Digital Information: http://www.members.tripod.com/entcesa/Cesainfo.pdf

⁴ http://www.anzwers.org/free/cesa/tet.htm

General Publication List as Preliminary Results of the Project (DLW)

The following 153 papers were published in Scientific Publications of the Cesa⁵ between the years of 1999 and 2008.

The current serials:

- *Priamus http://www.cesa-tr.org/Priamus.htm
- *Priamus Supplement http://www.cesa-tr.org/Pri.htm
- *Miscellaneous Papers http://www.cesa-tr.org/Miscell.htm
- *Cesa Publications on African Lepidoptera (Series)

connected with Metafro (Belgium) http://metafro.africamuseum.be/

Other publications:

- *Memoirs http://www.cesa-tr.org/Memoirs.htm
- *Iconographia Insectorum (Series A-D) http://www.cesa-tr.org/Icon.htm
- *Short Documentary Films & Scientific Publications in DVD format on CDs. http://www.cesa-tr.org/CDF.htm

In 1999

- 1) Koçak,A.Ö. & M.Kemal, 1999, Addenda and corrigenda to the work entitled "Genetical Fund Cadastre of Kyrghyzistan, volume III Superclassis Hexapoda (Entognatha and Insecta)" edited by E.Dzh. Shukurov et al., Bishkek,1996, 406pp. Cent. ent. Stud., Misc. Pap. 59: 1-3.
- 2) Koçak,A.Ö., 1999, Orta Anadolu'da yeni bir Agrodiaetus Hbn. türünün tanımı (Lepidoptera, Lycaenidae). Cent. ent. Stud., Misc. Pap. 59: 3-7, 4 figs.

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- 3) Koçak,A.Ö. & M.Kemal, 2000, A replacement name in the section Agrodiaetus Hbn. of the genus Polyommatus Latreille (Lycaenidae, Lepidoptera). Cent. ent. Stud., Misc. Pap. 62: 7-8.
- **4)** Koçak,A.Ö. & M.Kemal, 2000, Kazakistan Lepidoptera faunası için yeni bir tür kaydı (Lycaenidae). Cent. ent. Stud., Misc. Pap. 64: 6.
- 5) Koçak, A.Ö. & M.Kemal, 2000, Nomenclatural notes on some taxa (Papilionoidea, Lepidoptera). Cent. ent. Stud., Misc. Pap. 65/66: 10-12.
- 6) Koçak,A.Ö. & M.Kemal, 2000, Chazara briseis (Linnaeus) üzerine revizyon notları (Satyridae, Lepidoptera). Cent. ent. Stud., Misc. Pap. 65/66: 1-5.
- 7) Koçak, A.Ö. & M.Kemal, 2000, Entomological expedition of the Cesa to the Kazachstan and Kyrgyzistan in 1999. Cent. ent. Stud., Misc. Pap. 70: 1-5.
- 8) Koçak, A.Ö. & M.Kemal, 2000, Euphydryas Scudder cinsi içinde "sareptana Staudinger"in taksonomik durumu hakkında (Argynnidae, Lepidoptera). Cent. ent. Stud., Misc. Pap. 70: 5-6.
- 9) Koçak, A.Ö. & M.Kemal, 2000, Şerqi Asiye ve Pasipiktiki bezi taksonlar heqqide nomenklatur hatiriliri (Papilionidae, Lepidoptera). Cent. ent. Stud., Misc. Pap. 71: 1-7 [in Uighur language].
- **10)** Koçak, A.Ö., 2000, Enkhere vilayitidiki kepineklirining sinonumik tizimliği (Lepidoptera). Cent. ent. Stud., Misc. Pap. 67/69: 1-22 [in Uighur language].
- 11) Koçak,A.Ö., 2000, Revisional notes on the taxonomy of 'eurypilos Gerhard' and 'surakovi Dantchenko & Lukhtanov' in the genus Latreille (Lycaenidae, Lepidoptera). Cent. ent. Stud., Misc. Pap. 65/66: 8-10.

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12) Koçak,A.Ö. & M.Kemal, 2001, Addenda and Corrigenda to the work entitled: "Guide to the butterflies of Russia and adjacent territories (Lepidoptera, Rhopolocera) volume 2" edited by Tusov, V.K. et al., Sofia - Moscow, 2000. Cent. ent. Stud., Stud., Misc. Pap. 74: 1-3.

⁵ Cesa Publications: <u>http://www.cesa-tr.org/Publication.htm</u>

- **13)** Koçak,A.Ö. & M.Kemal, 2001, Yeni Kaledonya'daki bir Graphium türünün nomenklatürü hakkında (Lepidoptera, Papilionidae). Cent. ent. Stud., Misc. Pap. 74: 3-4, 1 fig.
- **14)** Koçak, A.Ö. & M.Kemal, 2001, Lepidoptera coğrafyası üzerine araştırmalar 1. Ankara vilayeti kelebeklerinin zoocoğrafik analizi. Cent. ent. Stud., Priamus 10 (3/4): 105-111.
- **15)** Koçak,A.Ö. & M.Kemal, 2001, Lepidoptera coğrapiyesi üstide tetqiqatlar 2.Qazaqistan képineklirining zoocoğrapiyesi ve taksonomiyesi üstide tetqiqatlar (Lepidoptera, Papilionoidea, Hesperioidea). Cent. ent. Stud., Priamus 10 (3/4): 111-163 [in Uighur language].
- **16)** Koçak,A.Ö. & M.Kemal, 2001, Lepidoptera coğrapiyesi üstide tetqiqatlar 3.İraq képinekliri üstide zoocoğrapiyelik hatiriler (Lepidoptera, Papilionoidea, Hesperioidea). Cent. ent. Stud., Priamus 10 (3/4): 164-173 [in Uighur language].
- 17) Koçak,A.Ö. & M.Kemal, 2001, Addenda and Corrigenda to the work entitled: "Guide to the butterflies of Russia and adjacent territories (Lepidoptera, Rhopolocera) volume 2" edited by Tusov, V.K. et al., Sofia Moscow, 2000. Cent. ent. Stud., Misc. Pap. 75: 1-3.
- **18)** Koçak,A.Ö. & M.Kemal, 2001, Corrections and additions to the work entitled "Geometrid Moths of the World", edited by M.J.Scoble (Lepidoptera) I. Cent. ent. Stud., Misc. Pap. 77: 1-8.
- **19)** Koçak,A.Ö. & M.Kemal, 2001, Türkiye kelebeklerinin anadillerdeki isimlerinin listesi. Cent. ent. Stud., Misc. Pap. 72/73: 1-15.

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- **20)** Koçak,A.Ö. & M.Kemal, 2002, Corrections and additions to the work entitled "Geometrid Moths of the World", edited by M.J.Scoble (Lepidoptera) II. Cent. ent. Stud., Misc. Pap. 86: 1-2.
- **21)** Koçak,A.Ö. & M.Kemal, 2002, Türkiye'de bir Karakuşaklı Güzel Colobochyla platyzona (Lederer,1870) (Noctuidae, Lepidoptera). Cent. ent. Stud., Misc. Pap. 86: 2-5, figs.
- **22)** Koçak,A.Ö. & M.Kemal, 2002, Euapatura mirza'nın besin bitkisi hakkında (Lepidoptera, Argynnidae). Cent. ent. Stud., Misc. Pap. 86: 5-7, figs.
- 23) Koçak, A.Ö. & M.Kemal, 2002, Bazı taksonomik ve zoocoğrafik notlarla birlikte Hyponephele Muschamp cinsinin kataloğu (Lepidoptera, Satyridae). Cent. ent. Stud., Misc. Pap. 80/81: 1-15, 1 Tab.
- **24)** Koçak, A.Ö. & M.Kemal, 2002, Aethria Hübner, [1821] cins isminin geçerliliği hakkında (Noctuidae, Lepidoptera). Cent. ent. Stud., Misc. Pap. 80/81: 15-16.
- **25)** Koçak, A.Ö. & M.Kemal, 2002, Faunistik taksonomik ve zoocoğrafik notlarla Çatak kelebekleri (Papilionoidea, Hesperioidea, Lepidoptera). Cent. ent. Stud., Misc. Pap. 82/85: 1-32, figs.
- **26)** Koçak,A.Ö. & M.Kemal, 2002, Van'da üç nadir Sinirkanatlı türü hakkında (Planipennia, Ascalaphidae, Nemopteridae). Cent. ent. Stud., Misc. Pap. 87: 5-8, 6 figs.

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- **28)** Kemal,M. & A.Ö.Koçak, 2004, Corrections and additions to the work entitled "Geometrid Moths of the World", edited by M.J.Scoble (Lepidoptera) -III. Cent. ent. Stud., Misc. Pap. 90: 1-5.
- **29)** Kemal,M. & A.Ö.Koçak, 2004, Two nomenclatural cases in the genera Phtheochroa Stephens and Abrepagoge Razowski (Tortricidae, Lepidoptera). Cent. ent. Stud., Misc. Pap. 90: 5-6.
- **30)** Kemal,M. & A.Ö.Koçak, 2004, Nomenclatural note on a Lasiocampid species in Surinam (Lepidoptera). Cent. ent. Stud., Misc. Pap. 90: 6-7.

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- **31)** Kemal,K. & A.Ö.Koçak, 2005, Nomenclatural notes on the Papilionidae (Lepidoptera). Cent. ent Stud., Misc. Pap. 91/92: 10-11.
- 32) Kemal,M. & A.Ö.Koçak, 2005, Butterflies and their living places at Medike, Soutpansberg Mts. (Transvaal, South Africa) [in] Kemal,M. & A.Ö.Koçak (Ed.), Short Video Films on Insect Diversity in the World. Audovisual clips of 22 habitats & 56 butterflies films, 3 maps & ref. Duration: 8'45". Format: *.m2p. Scientific Series Archive no:SS0001. Cesa & Soutpansberg Concervancy. (c) Cesa,2005.
- **33)** Kemal,M. & A.Ö.Koçak, 2005, Butterflies of Medike (Soutpansberg Mountains, South Africa) with some notes on spring butterflies (Lepidoptera). Cent. ent. Stud., Misc. Pap. 91/92: 1-9, 1 Tab.
- **34)** Kemal,M. & A.Ö.Koçak, 2005, Nomenclatural notes on the Papilionidae (Lepidoptera). Cent. ent. Stud., Misc. Pap. 91/92: 10-11.
- **35)** Kemal,M. & A.Ö.Koçak, 2005, Nomenclatural notes on various taxa of the moths (Lepidoptera). Cent. ent. Stud., Misc. Pap. 91/92: 11-14.
- **36)** Kemal, M. & A.Ö.Koçak, 2005, Nomenclatural corrections on some Neotropical Sphingidae (Lepidoptera). Cent. ent. Stud., Misc. Pap. 91/92: 14.

- **37)** Kemal,M. & A.Ö.Koçak, 2005, Nomenclatural notes on the South African Lepidoptera (Gelechiidae, Lymantriidae). Cent. ent. Stud., Misc. Pap. 91/92: 15.
- **38)** Kemal, M. & A.Ö.Koçak, 2005, Annotated Checklist of the Lepidoptera of Çatak Valley (Van Province, Turkey), Part I. Cent. ent. Stud., Priamus 11 (3): 29-58.
- **39)** Koçak,A.Ö. M.Kemal, 2005, Nomenclature note on the Australic Geometridae (Lepidoptera). Cent. ent. Stud., Priamus 11 (3): 59-60.
- **40)** Koçak, A.Ö., 2005, Nomenclatural note on the Nearctic Lepidoptera. Cent. ent. Stud., Priamus 11 (3): 59.
- **41)** Koçak,A.Ö., 2005, Centre for Entomological Studies Ankara (CESA) http://www.metafro.be/Members/Cesa/Cesa/base-view

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- **42)** Koçak,A.Ö. & M.Kemal, 2006, Corrections on the publication entitled "Moths of Thailand, vol.Three, Noctuidae, Part I" published in 2005 by V.S.Kononenko and Bro.Pinratana (Lepidoptera). Cent. ent. Stud., Misc. Pap. 93: 1-8, 1 Tab.
- **43)** Koçak,A.Ö. & M.Kemal, 2006, Corrections on the publication entitled "Moths of Thailand vol. two, Sphingidae" published in 1997 by H. Inoue, R.D.Kennett and I.J.Kitching (Lepidoptera). Cent. ent. Stud., Misc. Pap. 94: 1-2.
- **44)** Kemal,M. & A.Ö.Koçak, 2006, List of the butterflies of Urfa Province (South Turkey) (Lepidoptera, Papilionoidea, Hesperioidea). Cent. ent. Stud., Misc. Pap. 94: 3-8.
- **45)** Leksawasdi, P. Kemal, M. & A.Ö.Koçak, 2006, List of the species in the Insect Collection of the Chiang Mai University (Thailand) I. Lepidoptera, Sphingidae. Cent. ent. Stud., Misc. Pap. 95: 1-7.
- **46)** Kemal,M. & A.Ö.Koçak, 2006, List of the butterflies of Mardin Province (South Turkey) (Lepidoptera, Papilionoidea, Hesperioidea). Cent. ent. Stud., Misc. Pap. 96: 1-7.
- **47)** Koçak, A.Ö., Kemal, M. & I.Akdeniz, 2006, A new genus and species to the Lepidoptera fauna of Turkey and Syria (Papilionidae). Cent. ent. Stud., Misc. Pap. 97: 1-6, 2 figs.
- **48)** Koçak, A.Ö. & M.Kemal, 2006, A nomenclature note on the Asiatic Acarina (Eriophyoidea). Cent. ent. Stud., Misc. Pap. 97: 6.
- **49)** Kemal,M. & A.Ö.Koçak, 2006, Corrections and additions to the work entitled "Geometrid Moths of the World", edited by M.J.Scoble (Lepidoptera) IV. Cent. ent. Stud., Misc. Pap. 97: 6-7.
- **50)** Koçak, A.Ö. & M.Kemal, 2006, Nomenclatural notes on the Neotropical Pyralidae (Lepidoptera). Cent. ent. Stud., Misc. Pap. 97: 7-8.
- 51) Koçak,A.Ö. & M.Kemal, 2006, Checklist of Lepidoptera of Turkey. Cent. ent. Stud., Priamus Suppl. 1: 1-196.
- **52)** Koçak, A.Ö. & M.Kemal, 2006, List of the species in the genus Pelochrista Lederer, with some remarks (Lepidoptera, Tortricidae). Cent. ent. Stud., Misc. Pap. 98: 1-6.
- **53)** Kemal,M., Leksawasdi,P. & A.Ö.Koçak, 2006, Ascalaphidae species in Chiang Mai (North Thailand) (Planipennia). Cent. ent. Stud., Misc. Pap. 98: 6-8, 4 figs.
- **54)** Kemal,M. & A.Ö.Koçak, 2006, A new genus and a new species of Ascalaphidae for the fauna of Turkey (Planipennia). Cent. ent. Stud., Misc. Pap. 99: 1-3, 2 figs.
- 55) Kemal,M. & A.Ö.Koçak, 2006, List of the Elachistidae species in South Africa (Lepidoptera). Cent. ent. Stud., Misc. Pap. 99: 3-5.
- 56) Kemal, M., Leksawasdi, P. & A.Ö. Koçak, 2006, Wittstrotia flavannamica Behounek & Speidel, a new genus and a new species to the Thailand fauna (Noctuidae, Lepidoptera). Cent. ent. Stud., Misc. Pap. 99: 5-6
- **57)** Koçak, A.Ö., 2006, Proposal of a replacement name in the Tortricidae (Lepidoptera). Cent. ent. Stud., Misc. Pap. 99: 6-7.
- **58)** Koçak,A.Ö. & M.Kemal, 2006, Proposal of a replacement name in the Lasiocampidae (Lepidoptera). Cent. ent. Stud., Misc. Pap. 99: 7.
- **59)** Kemal, M. & A.Ö.Koçak, 2006, Nemophora eretna n.sp. from Turkey (Adelidae, Lepidoptera). Cent. ent. Stud., Misc. Pap. 100: 1-4, figs.
- **60)** Kemal, M. & A.Ö.Koçak, 2006, Nomenclatural notes on the Palaearctic Lepidoptera. Cent. ent. Stud., Misc. Pap. 100: 4-5.
- **61)** Kemal,M. & A.Ö.Koçak, 2006, On the nomenclature of some Arachnida. Cent. ent. Stud., Misc. Pap. 100: 6.
- **62)** Kemal, M. & A.Ö.Koçak, 2006, Nomenclatural notes on the Nearctic Lepidoptera. Cent. ent. Stud., Misc. Pap. 100: 7.
- **63)** Kemal,M. & A.Ö.Koçak, 2006, Diurnal Lepidoptera in the Nemrut Crater (East Turkey). Cent. ent. Stud., Misc. Pap. 101: 1-8, 10 figs.

- **64)** Koçak, A.Ö., Kemal, M. & P.Leksawasdi, 2006, Annotated checklist of the Tortricidae of Thailand (Lepidoptera). Cent. ent. Stud., Misc. Pap. 102-103: 1-13.
- **65)** Koçak, A.Ö. & M.Kemal, 2006, Notes on the nomenclature of some species group taxa in the genus Euproctis (s.l.) (Lepidoptera, Lymantriidae) [in Turkish]. Cent. ent. Stud., Misc. Pap. 102-103: 13-14.
- **66)** Koçak,A.Ö. & M.Kemal, 2006, Notes on the nomenclature of some species group taxa in the family Geometridae (Lepidoptera). Cent. ent. Stud., Misc. Pap. 102-103: 15-16.
- 67) Koçak, A.Ö. & M.Kemal, 2006, Checklist of the family Notodontidae in Thailand (Lepidoptera). Cent. ent. Stud., Misc. Pap. 104: 1-8.

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- **68)** Kemal, M. & A.Ö.Koçak, 2007, A replacement name for a Neotropical butterfly (Acraeidae, Lepidoptera). Cent. ent. Stud., Misc. Pap. 105: 3-4.
- **69)** Kemal,M. & A.Ö.Koçak, 2007, Annotated check-list of the butterflies of the Uighur Ili (Lepidoptera). Priamus 11 (4): 61-80.
- **70)** Kemal, M., Koçak, A.Ö. & P.Leksawasdi, 2007, On the occurrence of Psychothoe duvauceli (Bsd.) in North Thailand (Ctenuchidae, Lepidoptera). Cent. ent. Stud., Misc. Pap. 105: 1-3, 3 figs.
- 71) Kemal, M., Leksawasdi, P. & A.Ö.Koçak, 2007, On the Pieridae fauna of Chiang Mai Province in North Thailand (Lepidoptera). Cent. ent. Stud., Misc. Pap. 134: 1-8, 21 figs.
- 72) Koçak, A.Ö. & M.Kemal, 2007, A replacement name for a Hawaiian moth (Tortricidae, Lepidoptera). Cent. ent. Stud., Misc. Pap. 105: 3-4.
- 73) Koçak, A.Ö. & M.Kemal, 2007, Synonymical and distributional list of the species of Bursa Province (North West Turkey) (Lepidoptera). Priamus 11 (5): 81-111.
- 74) Koçak, A.Ö. & M.Kemal, 2007, Synonymical and distributional list of the species of Kars Province (North East Turkey) (Lepidoptera). Priamus 11 (6): 113-131.
- 75) Koçak, A.Ö. & M.Kemal, 2007, Synonymical and distributional list of the species of Kahramanmaraş Province (South Turkey) (Lepidoptera). Priamus 11 (7): 133-171.
- **76)** Koçak, A.Ö. & M.Kemal, 2007, Synonymical and distributional list of the species of Ankara Province (Central Turkey) (Lepidoptera). Priamus 12 (1): 1-32.
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- **80)** Koçak,A.Ö. & M.Kemal, 2007, A replacement name for a Neotropical butterfly (Acraeidae, Lepidoptera). Cent. ent. Stud., Misc. Pap. 106: 2-3.
- **81)** Koçak,A.Ö. & M.Kemal, 2007, Synonymical and distributional list of the species of Ağrı Province (North East Turkey) (Lepidoptera). Cent. ent. Stud., Misc. Pap. 107/108: 1-12.
- **82)** Koçak, A.Ö. & M.Kemal, 2007, Synonymical and distributional list of the species of Artvin Province (North East Turkey) (Lepidoptera). Cent. ent. Stud., Misc. Pap. 109/110: 1-16.
- **83)** Koçak, A.Ö. & M.Kemal, 2007, Synonymical and distributional list of the species of Bitlis Province (East Turkey) (Lepidoptera). Cent. ent. Stud., Misc. Pap. 111/112: 1-12.
- **84)** Koçak, A.Ö. & M.Kemal, 2007, Synonymical and distributional list of the species of Elazığ Province (East Turkey) (Lepidoptera). Cent. ent. Stud., Misc. Pap. 113/114: 1-12.
- **85)** Koçak, A.Ö. & M.Kemal, 2007, Synonymical and distributional list of the species of Erzincan Province (North East Turkey) (Lepidoptera). Cent. ent. Stud., Misc. Pap. 115/116: 1-16.
- **86)** Koçak, A.Ö. & M.Kemal, 2007, Synonymical and distributional list of the species of Erzurum Province (North East Turkey) (Lepidoptera). Cent. ent. Stud., Misc. Pap. 117/119: 1-20.
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- **89)** Koçak, A.Ö. & M.Kemal, 2007, Synonymical and distributional list of the species of Tunceli Province (East Turkey) (Lepidoptera). Cent. ent. Stud., Misc. Pap. 124/125: 1-12.
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- **92)** Koçak, A.Ö. & M.Kemal, 2007, Synonymical and distributional list of the species of Ardahan Province (North East Turkey) (Lepidoptera). Cent. ent. Stud., Misc. Pap. 128: 1-8.
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- 95) Koçak, A.Ö. & M.Kemal, 2007, Notes on the nomenclature of Asiatic butterflies (Lepidoptera). Cent. ent. Stud., Misc. Pap. 105: 5-6.
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- 97) Koçak, A.Ö. & M.Kemal, 2007, Notes on the nomenclature of Asiatic Noctuidae (Lepidoptera). Cent. ent. Stud., Misc. Pap. 105: 7-8.
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- 101) Kemal,M. & A.Ö.Koçak, 2007, South African Noctuidae species in the Fauna of Turkey (Lepidoptera) [42 species listed] http://www.metafro.be/Members/Cesa/internet sayfas305/base view
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Scientific Note

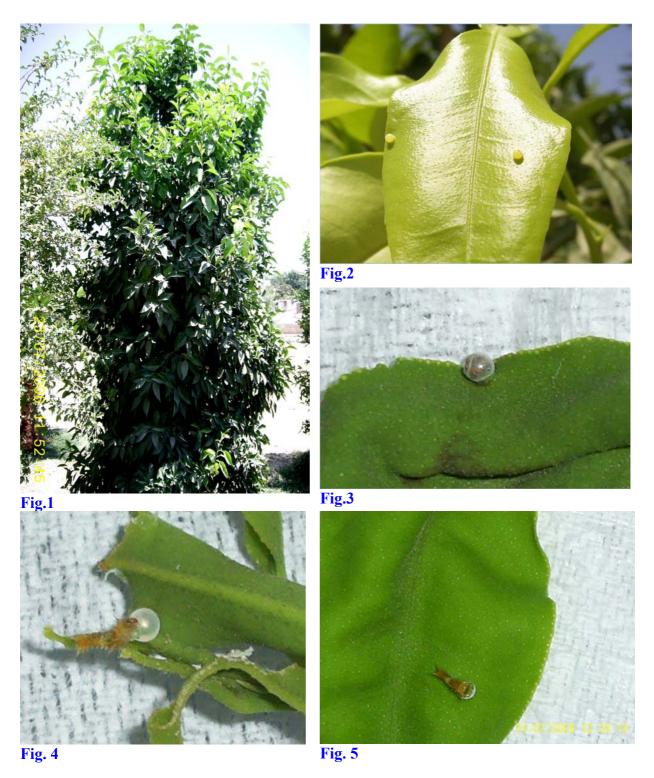
On the Early Stages of *Princeps demoleus* (Linnaeus,1758) in South East Turkey (*Lepidoptera, Papilionidae*)

Muhabbet Kemal Koçak Ilyas Akdeniz

Recently, *Princeps demoleus* (Linn.) was recorded in Nusaybin city (Mardin Province) very close to the Syrian border in South East Turkey (Koçak, Kemal, Akdeniz,2006). The studied examples were collected by the second author in the Nusaybin city centre and Beyazsu (North of Nusaybin city) on the dates of 22.08.2005, 23.08.2005, 03.09.2005, and 26.09.2005 (coll. Cesa).

On 25th June 2006, authors visited Nusaybin for searching the *P. demoleus* in Nusaybin city and found the butterflies flying in the gardens, and the city parks especially around the cultivated Lemon trees (Fig.1). No migratory behaviour of the butterflies observed. Some females were observed during egg laying on the upperside of the young leaves of *Citrus* trees (Figs.2,3). The population of the butterfly was very low, only four five specimens were observed in the city. After a while, eggs, and newly hatched caterpillars were detected amoung the young leaves of *Citrus* trees (Figs.4-6). Young and relatively mature caterpillars could be found on the trees at the same time. Some of them were reared by the second author in the room conditions. However, development of the caterpillars were quicker and more healthy outside than the room conditions (Figs.7-12) According to the information of the authors on 27th August some caterpillars were fully grown or already pupated, while others still in earlier stages of the caterpillars on 31st August and 3rd September, 2006 (Figs.13-16). According to the reared specimens in room conditions, pupation of a specimen was on 2nd September (Fig.15), emerging 8-9 September, 2006 (Figs.16,17).

After taking all these observations into consideration, authors came to the conclusion that the present existence of *Princeps demoleus* in Nusaybin (South East Turkey) is not due to the migration at that date. Apparently, the species is native, freely living on *Citrus* trees under the natural conditions, with probably two successive generations roughly from June to October.



Explanations of the Figures 1-5. Fig.1- *Citrus* tree in City Park (Nusaybin). Fig.2- Eggs on young *Citrus* leaf in nature. Fig. 3- Fully grown egg in room condition. Figs.4,5- Newly hatched caterpillar in room condition.



Explanations of the Figures 6-11. Fig.6- Newly hatched caterpillar in room condition. Fig.7- Grown caterpillar in room condition. Fig. 8- Grown caterpillar under natural condition. Figs.9,10,11- Grown caterpillars in room condition.

Fig.11

Fig.10







Fig. 16

Explanations of the Figures 12-17. Fig.12- Grown caterpillar under natural condition. Figs.13,14- Pupae under natural condition. Fig. 15- Pupa in room condition. Fig.16 Full grown pupa in room condition. Fig.17- Emerged butterfly in room condition.

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